

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.9/14.3,0.0/1.6File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000143**Date Inspected:** 23-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Zhou Dong Mei**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** N/A**Bridge No:** 34-0006**Component:** OBG Test Samples**Bid Item:** 52 (SF)**Lot No:** N/A**Summary of Items Observed:**

OBG-Ultrasonic Procedure tests samples:

The Caltrans Quality Assurance (QA) Inspector Roscoe Dixon was present at the time requested by ZPMC QA Representative Fu Yuhong, to witness the saw cutting, machining and surface polishing of 12 welded Partial Penetration Joint (PJP) tests samples representing the Closed Rib Trial Assembly bottom plate to decking connection.

The ZPMC QA Representative Fu Yuhong was also present and visually inspect the in progress work to mill the edges of samples down to a lines which had been scribed on the face of each sample piece.

Task Leader Jimmy Cochran and Swing Shift Lead Inspector Bruce Berger informed this QA Inspector Dixon that the purpose of the witness inspection was for sample traceability of the sample specimens being cut down to size, and to insure ZPMC machine shop personnel do not mill beyond the surface of the scribed line.

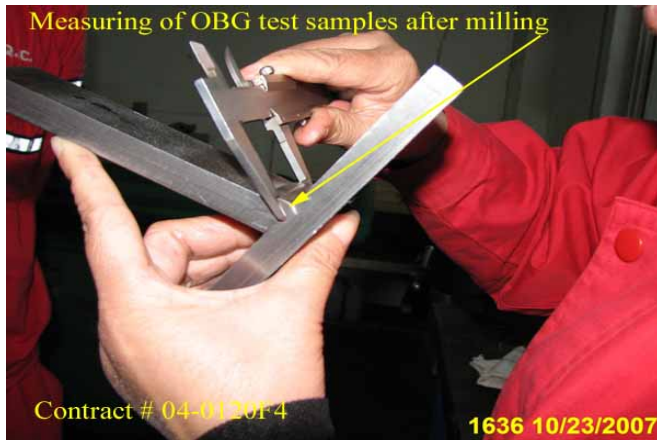
The work was not completed on all 12 sample pieces during the QA Inspector's shift, so the samples were stamped by QA Inspector Dixon with the Caltrans ID stamp, and ZPMC personnel continued the milling of the samples which will be acid etched and inspected for weld penetration results by Caltrans QA on 10/24/07. See photographs to provide additional detail.

Summary of Conversations:

As noted above and basic communication between QC Inspector and QA inspector when and where welding inspections are to be performed.

SOURCE INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Dixon, Roscoe

Quality Assurance Inspector

Reviewed By: Cochran, Jim

QA Reviewer
